

I hereby certify that this transmittal of the below described documents is being deposited with the United States Postal Service in an envelop bearing Express Mail Postage and an Express Mail Label No. <a href="https://example.com/ET160940516US">ET160940516US</a> addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231 on <a href="https://example.com/October 11, 2001">October 11, 2001</a> by <a href="https://example.com/David R. Gildea">David R. Gildea</a>:



signature of person making deposit

page 1 of 2

## **UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b)

Docket No. RAD295

First Inventor: Manoneet Singh

Title: Method and Apparatus for Multicarrier Channel Estimation and Synchronization

Using Pilot Sequences

Address to: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231 APPLICATION ELEMENTS (See MPEP chapter 600 concerning utility patent application contents) 1. ✓ Fee Transmittal Form (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status See CFR 1.27 3. Specification Total Pages: 45 (Title, Cross Reference, Statement of Fed R&D, Reference to sequence/table/listing appendix, Background, Summary, Description of Drawings, Detailed Description, Claims, and Abstract) 4. ✓\_ Drawings (35 USC 113) Total Sheets: 13 5. Oath or Declaration ( Newly executed (original or copy) a. Copy from a prior application (37 CFR 1.63d) b. (for Continuation/Divisional with Box 18 completed) DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63d2 and 1.33b. 6. Application Data Sheet. See 37 CFR 1.76 7. CD-ROM or CD-R in duplicate, large table or Computer Program 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) Computer Readable Copy Specification Sequence Listing on CD-ROM or CD-R 2 copies or paper b. Statement verifying identity of above copies C.

A COCHRANIVING ARRIVES DARTS								
ACCOMPANYING APPLICATION PARTS								
9.	✓_	Assignment Papers (cover sheet & document(s))						
10.	<u></u>	37 CFR 3.73b Statement (when there is an assignee) Power of Attorney in Declaration						
11.		English Translation Document (if applicable)						
12.	<u>/</u> 12	Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations						
13.		Preliminary Amendment						
14.	✓_	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)						
16.	✓_	Request and Certification Under 35 USC 122(b)(2)(B)(i) (Applicant must attach PTO/SB/35 or its equivalent)						
17.	<u>√</u>	Other Title page for application  Check for \$ 668						
18. prelimina	If a Coary amendm	ONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a ent or in an Application Data Sheet under 37 CFR 1.76:						
Continuation Divisional Continuation-in-part (CIP) of prior application:								
Prior in	formation:	ExaminerGroup / Art Unit						
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. Correspondence Address								
	<u>√</u>	Correspondence Address Below						
COMPANY NAME Menlo Patent Agency LLC								
ADDRESS 435 Hermosa Way								
CITY, STATE, ZIP <u>Menlo Park, CA 94025</u> COUNTRY <u>U.S.A.</u> TELEPHONE <u>650-853-0189</u> FAX <u>650-324-9111</u>								
D N 00.405								
Signature October 11, 2001 date								
	signature date							

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Manoneet Singh

Title: Method and Apparatus for Multicarrier Channel Estimation and

Synchronization Using Pilot Sequences

## **FEE TRANSMITTAL FORM**

	NUMBER OF CLAIMS	6	EXTRA CLAIMS	RATE	FEES
Basic Application Fee Total Claims Independent Claims If multiple dependent cla Subtotal of above calcu		-20 -3 nted, ad	24 1 dd	\$18 \$84 \$280	\$740 \$432 \$84 <u>\$0</u> \$1256
Reduction by 50% for S Subtotal		<u>\$628</u> \$628			
Add Assignment Record	\$40	<u>\$40</u> \$668			

- X A check for the amount of the total is included herewith.
- X The amount of the total is believed to be the correct fee due to the Patent Office for the filing of this application.
- X Should the Patent Office determine that the amount of the total is in error for the filing of this application, the Assistant Commissioner for Patents is authorized to deduct the amount of the deficiency or credit the amount of the extra in the deposit account number <u>071248</u>. The name and address of the depositor are:

David Gildea Menlo Patent Agency LLC 435 Hermosa Way Menlo Park, California 94025

X A duplicate copy of this Fee Transmittal Letter is included herewith.

Date: October 11, 2001

David R. Gildea, Reg. No.: 38,465

Menlo Patent Agency LLC

## REQUEST AND CERTIFICATION UNDER 35 USC 122(b)(2)(B)(i)

First Inventor: Manoneet Singh

Title: Method and Apparatus for Multicarrier Channel Estimation and Synchronization

<u>Using Pilot Sequences</u> Docket No. <u>RAD295</u>

I hereby certify that the invention disclosed in the attached application has not and will not be subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 USC 122(b).

David R. Gildea Reg. No.: 38,465

Menlo Patent Agency LLC

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 USC 122 (b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of the application eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 USC 122(b)(2)(B)(iii)).